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FY 2000 Navy Conservation Award Winners

Large Shore Activity (Navy): Crane Division, Naval Surface Warfare Center (NSWC), Ind. — Through a combination of programs during the last year, NSWC Crane reduced its energy consumption by more than eight percent. Its \$2.8 million in energy projects save about \$641,000 a year, reduce energy consumption by almost 28 million BTUs a year, and save almost 108 million gallons of water each year.

Small Shore Activity (Navy): Naval Security Group Activity (NSGA) Sugar Grove, W. Va. — NSGA Sugar Grove reduced its energy consumption 22% in FY00. It upgraded to high-tech lighting throughout the activity, including indoor high-tech fluorescent and compact fluorescent lighting and outdoor high-pressure sodium lighting; occupancy-sensing light-switches; reduced maintenance and electric demand, and saved the base \$32,000 a year.

Large Shore Activity (Marine): Marine Corps Recruit Depot (MCRD) Parris Island, S.C. — MCRD Parris Island reduced its energy consumption 22.7% compared to the 1985 baseline. The Depot implemented a program “Cheaper By The Dozen,” a portfolio of a dozen ongoing conservation projects marked by short payback, substantial energy savings, or potential for direct cost avoidance.

Small Shore Activity (Marine): Marine Corps Air Station (MCAS) Iwakuni, Japan — MCAS Iwakuni revised its Station Energy Order and established a strong Energy Conservation Planning Group and an Energy Monitor program, resulting in 7.6% less energy consumed per square foot and \$1.2 million in avoided annual electricity costs. They renegotiated their electric rate structure, implemented a peak shaving program, and initiated a successful, detailed building energy audit program.

Large Ship: USS Boxer (LHD-4) — USS Boxer reduced its fuel consumption by nearly 15,000 barrels in FY00 compared to 1995, and saved more than \$372,000. USS Boxer consumed only 54% of its allotted fuel through its dedication to fuel conservation and developing three engineering plant configurations designed to optimize fuel efficiency based on operational requirements and transit speeds.

Small Ship: USS Taylor (FFG 50) — USS Taylor reduced its fuel consumption in FY00 by more than 4,000 barrels, saving \$107,000. Total projected savings through 2010 are \$2.5 million. The ship implemented close conservation-oriented coordination between navigation and engineering departments to devise the most fuel and cost-effective transits.

Squadron: Fleet Logistics Support Squadron Fifty-Seven (VR-57) - Through careful planning, heightened awareness, and dedicated commitment to effective energy

management and conservation, VR-57 saved more than \$830,000 in energy costs in the last fiscal year, and lowered fuel consumption by 23% than in 1995.

Other: Naval Undersea Warfare Center (NUWC) Division Keyport, Wash. - NUWC Keyport reduced its energy consumption 8.7% in 2000 – down 30 compared to 1985. Keyport initiated a host of programs in FY 00 – including spot market natural gas contracting through the Defense Energy Support Center and saved \$48,000 in the course of the fiscal year.

A special award was also made to Navy Region Southwest (San Diego, Calif.), for its leadership in reducing energy consumption and innovative conservation programs through the California energy crisis of 2000.